

## SEQUENCE LISTING

SEQ. ID. NO: 1 (VP4 Rhesus Monkey Rotavirus).

5

1 MASLIYRQLL TNSYTVDLSD EIQEIGSTKT QNVTINLGPF AQTGYAPVNW  
GPGETNDSTT

61 VEPVLDGPYQ PTSFNPPVDY WMLLAPTAAG VVEGTNNTD RWLATILVEP  
NVTSETRSYT

10

121 LFGTQEQITI AYASQTQWKF IDVVKTTQNG SYSQYGPLQS TPKLYAVMKH  
NGKIYTYNGE

181 TPNVTTKYYS TTNYSVNMT AFCDFYIIPR EEESTCTEYI NNGLPPIQNT  
RNIVPLALSA

15

241 RNIISHRAQA NEDIVVSKTS LWKEMQYNRD ITIRFKFASS IVKSGGLGYK  
WSEISFKPAN

301 YQYTYTRDGE DVTAAHTTCSV NGMNDFNFNG GSLPTDFIIS RYEVIKENSY  
VYVDYWDDSQ

361. AFRNMVYVRS LAANLNSVIC TGGDYSFALP VGQWPVMTGG  
AVSLHSAGVT LSTQFTDFVS

20

421 FNSLRFRFRL TVEEPSFSIT RTRVGGLYGL PAAYPNNGKE YYEVAGRSL  
ISLVPSNDDY

481 QTPITNSVTV RQDLERQLGE LREEFNALSQ EIAMSQLIYL ALLPLDMFSM  
FSGIKSTIDA

25

541 AKSMATSVMK KFKKSGLANS VSTLTDSLSD AASSISRGAS IRSVGSSASA  
WTDVSTQITD

601 VSSSVSSIST QTSTISRRLR LKEMATQTEG MNFDDISAAV LKTKIDRSTQ  
ISPNTLPDIV

661 TEASEKFIPN RAYRVINDE VFEAGTDGRY FAYRVETFDE IPFDVQKFAD  
LVTDSPVISA

30

721 IIDFKTLKNL NDNYGISRQQ AFNLLRSDPR VLREFINQDN PIIRNRIEQL  
IMQCRL

SEQ. ID. NO: 2 (VP8 Rhesus Monkey Rotavirus).

1 MASLIYRQLL TNSYTVDLSD EIQEIGSTKT QNVTINLGPF AQTGYAPVNW  
GPGETNDSTT

5 61 VEPVLDGPYQ PTSFNPPVDY WMLLAPTAAG VVEGTNNTD RWLATILVEP  
NVTSETRSYT

121 LFGTQEQITI AYASQTQWKF IDVVKTTQNG SYSQYGPLQS TPKLYAVMKH  
NGKIITYNGE

181 TPNVTTKYYs TTNYDSVNMT AFCDFYIIPR EEESTCTEYI NNGLPPIQNT R

10

SEQ.ID. NO: 3 (VP8<sub>141-182</sub> Rhesus Monkey Rotavirus)

141IDVVKTTQNGSYSQYGPLQSTPKLYAVMKHNGKIITYNGETP<sub>182</sub>

15

SEQ. ID 4 (Peptide VP8<sub>144-148</sub> Rhesus Monkey Rotavirus)

144VVK<sub>147</sub>

SEQ. ID 5 (Peptide VP8<sub>151-158</sub> Rhesus Monkey Rotavirus)

20 151SYSQYGPL<sub>158</sub>

SEQ. ID 6 (Peptide VP8<sub>174-177</sub> Rhesus Monkey Rotavirus)

174ITY<sub>177</sub>

25 SEQ. ID 7 (Peptide VP8<sub>183-186</sub> Rhesus Monkey Rotavirus)

183NVTT<sub>186</sub>